\$/096/61/000/005/002/003 E194/E255

18 8300

1138 1454

AUTHORS:

Ratner, A. V., Candidate of Technical Sciences and Kagan, D. Ya., Candidate of Technical Sciences

TITLE:

An Investigation of the Corrosivity of Gland

Packings

PERIODICAL:

Teploenergetika, 1961, No. 5, pp. 35-39 After being kept for a period in store, steam fittings received from the manufacturers after hydraulic testing often have local corrosion of spindles at the place of contact with the gland packing. This contact corrosion is due to the presence of different electrode potentials between the metal and the packing. In addition, it is associated with the formation of oxygen concentration cells that result from different concentrations of oxygen in the electrolyte along the microscopic gap between the gland and the spindles. This kind of corrosion occurs when the concentration of oxygen in the water exceeds 0.1 mg/kg.

The trouble is less likely to happen in a turbine in service because the valve is in contact with de-aerated water so that there is little or no corrosion. Drying the fittings at a temperature of 100°C is not a satisfactory remedy because in practice not all the Card 1/5

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619910011-3"

20503 S/096/61/000/005/002/003 E194/E255

An Investigation of the Corrosivity of Gland Packings water can be driven out. The best methods seem to be either to use non-corrosive packings or spindles with a corrosion-resistant surface. The corrosivities of various packing materials were tested in a special rig in which a spindle of appropriate steel was fitted into a gland chamber and suitably compressed. Holes were made at the bottom and the device was subjected to a hydraulic pressure of 150 to 200 atm. During this pressing period the water passed through the packing and appeared at the outlet holes. The set-up was then removed from the press and stored in a horizontal position for a week in air and then each week it was again hydraulically pressed. After a certain test time of up to six months the samples were dismantled: the surfaces of the spindle examined and the depth of the corrosion pits was measured. From the test results which are given it is found that all the packings based on asbestos and also packings based on graphite and electrode carbon cause corrosion. The worst corrosion was observed with asbestos packings either consisting of pure asbestos or armoured with brass wire. Asbestos packings without brass wire armouring,

Card 2/5

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619910011-3"

20503

S/096/61/000/005/002/003 E194/E255

An Investigation of the Corrosivity of Gland Packings or armoured but sized with rubber and talc, were less corrosive. Other pearlitic low-alloy and also carbon steels without surface anti-corrosive treatment give similar test results and usually showed similar electrode potentials. The corrosivity of asbestos packings was improved by washing them or by rubbing them with zinc powder. The graphite packings were made less corrosive by the addition of 5% by weight of aluminium or zinc powder, thus making the metal surface cathodic relative to the packing. An asbestos packing was washed by boiling in condensate for three hours with periodic extraction of water samples. After one hour's boiling, the alkalinity of the solution was 0.4 mg equiv/litre and the content of chloride ions 1.33 mg/litre; further tests showed that by this time most of the extractable material was already out. Tests were then made on spindles of steel >N-909 (EI-909) without anti-corrosive protection of the surface. The results show that washing the asbestos packings and particularly dusting them with zinc powder reduces but does not prevent corrosive activity. The addition of aluminium or zinc powder to graphite completely prevents corrosion of untreated pearlitic steel. Corrosion of Card 3/5

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619910011-3"

20503 S/096/61/000/005/002/003 E194/E255

An Investigation of the Corrosivity of Gland Packings pearlitic steel in contact with packings may also be prevented by anti-corrosive treatment of the spindle, for example, by diffusion chromating. Such a coating not only increases the corrosion resistance but considerably improves the resistance to scoring and erosion of the spindles. Accordingly corrosion tests were made on spindles of pearlitic steel 3N-723 (EI-723) that had been diffusion chromated, to a depth of 60-80 microns. In none of the spindles tested was there any corrosion, though the same packing materials had given corrosion with untreated spindles. In order to explain the results obtained, electrode potential tests were made on the various steels and the graphite-based packing materials. It is found that austenitic steel >N-6/2 (EI-612) has a higher positive potential than steel EI-909 or steel EI-723 and consequently, on contact with the packing it should be more resistant to corrosion than pearlitic steels. This was confirmed experimentally. Un-reinforced pearlitic steels EI-909 and EI-723 should corrode most severely because the initial potential is negative. They should be particularly corroded in contact with graphite, as it has Card 4/5

S/126/61/012/006/016/023 E021/E535

AUTHORS: Kagan, D. Ya., Grinzayd, I.I. and Borin, V.V.

TITLE: Softening and restoration of the properties of

XH80T (KhN80T) type alloy

PERIODICAL: Fizika metallov i metallovedeniye, v.12, no.6, 1961.

908-911

TEXT: The aim of the present work was to investigate the restoration of the initial properties in softened alloys of the type KhN80T and to study the kinetics of the processes of softening and restoration. Specimens were given a standard heat treatment (quenched from 1080°C and aged at 750°C for 16 hours). They were then softened at 800, 850, 900 and 1000°C and the softened samples were restored by additional heating at 750°C. Hardness, long-term strength and short-time mechanical properties were studied. Phase analysis and microstructural examinations were carried out. The values of hardness and the quantity of the strengthening α '-phase decrease with increase in time held at any one temperature. At about 900°C, the alloy is completely softened. If the softened alloy is again heated at 750°C, the Card 1/2

Softening and restoration of ...

S/126/61/012/006/016/023 E021/E535

original properties are restored and the amount of α^2 -phase is also restored to a constant value of 9-10% (the original quantity was 11.5%). Since phase analysis showed a continuous decrease in quantity of α^2 -phase with increase in temperature, it follows that softening occurs because of dissolution of the finely dispersed α^2 -phase. The original properties of the alloy are restored by precipitation of this phase. There are 3 figures and 2 tables,

SUBMITTED:

January 9, 1961 (initially) July 14, 1961 (after revision)

Card 2/2

EAGAN, D.Ya., kand.tekhn.nauk

Acid washing of the heating surfaces of steam toilers tefore starting them. Energ. stroi. no.2C:121-124 '61. (Mir. 15:1)

1. Vsesoyuznyy teplotekhnicheskiy institut imeni F.E.Dzerzhinskogo. (Boilers) (Corrosion and anticorrosives)

KAGAN, D.Ya., kand.tekhn.nauk; ZHURAVLEV, L.S., inmh.

Study of the corrosive properties of EI-847 and EI-851 steel in the presence of superheated steam. Elek.sta. 32 no.4:33-34 Ap '61.

(Steel--Corrosion)

(Steel--Corrosion)

KAGAN, D.Ya., kand.tekhn.nauk; DAMA NA, R.I., inzh. Experiment in ammonia treatment of feed water at thermal electric power plants. Elek.sta. 32 no.7:44-46 S '61. (MIRA 14:10) (Feed-water purification)

31165

1,1700

5/129/62/000/001/008/011 E073/E483

AUTHOR:

Kagan, D.Ya., Engineer

TITLE:

Thermomechanical treatment of alloys for high-

temperature service

PERIODICAL: Metallovedeniye i termicheskaya okrabotka metallov,

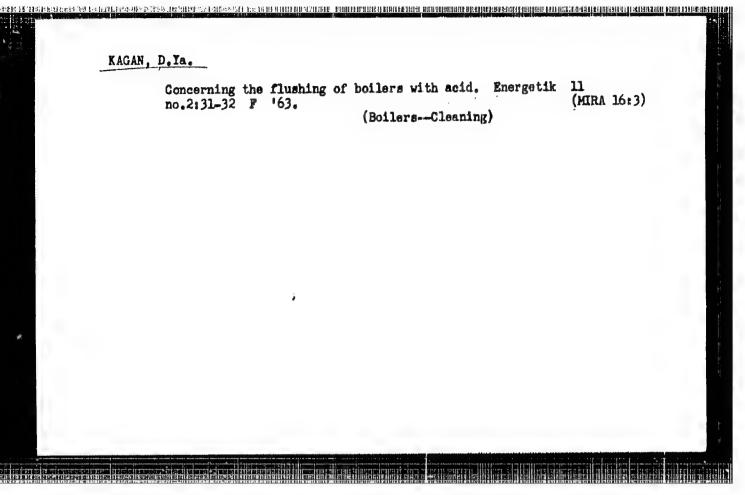
no.1, 1962, 40-42 + 1 plate

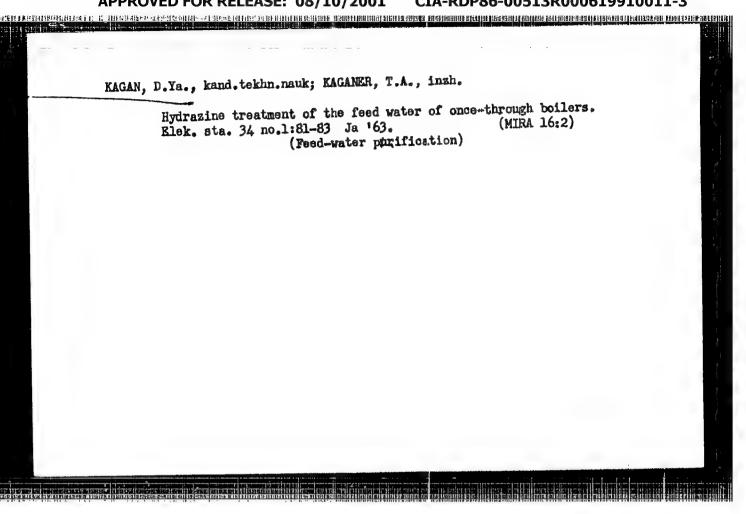
Mechanical properties of a heat-resistanc alloy TEXT: DM4378 (EI437B) and of substitute alloys DM787 (EI787) and 9M696 (EI696) after ordinary and thermomechanical treatment were The specimens were cut from components, fabricated studied. with the application of thermomechanical treatment and having a partially recrystallized structure. The stamping operation was combined with air-quenching followed by ageing. The thermomechanical treatment for all the three alloys was as follows: heating to 1120°C for 30 min; hot stamping with a reduction of 30%; cooling in air; ageing at 750°C for 16 hours followed by Analysis of the results of short-time strength cooling in air. tests and of strength values obtained in 100-hour tests, carried out on both smooth and notched specimens, has shown that Card 1/2

CIA-RDP86-00513R000619910011-3" APPROVED FOR RELEASE: 08/10/2001

Use of sodium nitrite for conserving boilers. Energetik 11 no.3127-28 Mr 163. (MIRA 1654)

(Boilers)

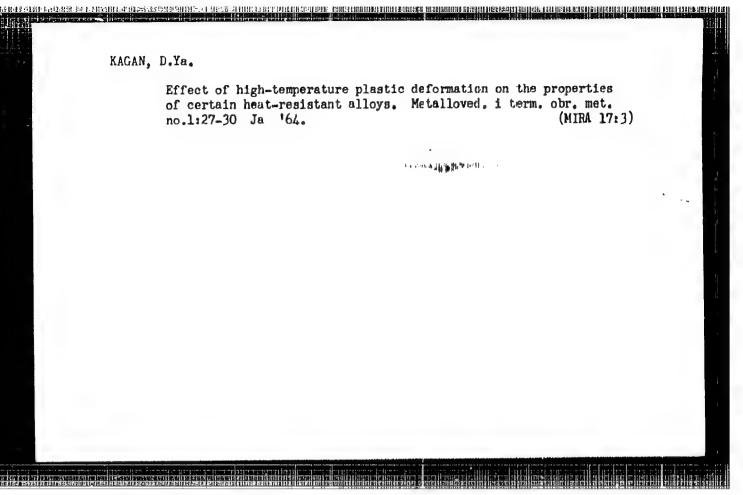




KAGAN, D.Ya., kend. tekhn. nauk; ZHURAVLEV, L.S., insh.

Methods for removing deposits and corrosion resistance of likhleN9T steel in an acidly media. Teploenergetika 10 no.9: 50-54 S '63.

1. Vsesoyuznyy teplotekhnicheskiy institut. (Steel)



L 17699-65 FAT(m)/EMP(w)/EMA(d)/EMP(k)/EMP(b)/EMP(b) Pf-4/Phd HAW/JD/FW

ACCESSION NR: AP4042041 S/0126/64/017/006/0845/0852

AUTHOR: Sadovskiy, V. D.; Sokolkov, Ye. N.; Petrova, S. N.; Pavlov, V. A.; Gaydukov, M. G.; Noskova, N. I.; Kagan, D. Ye.

TITLE: The effects of high-temperature thermo-nechanical strasment on the heat resistance of KhN77TYUR allow

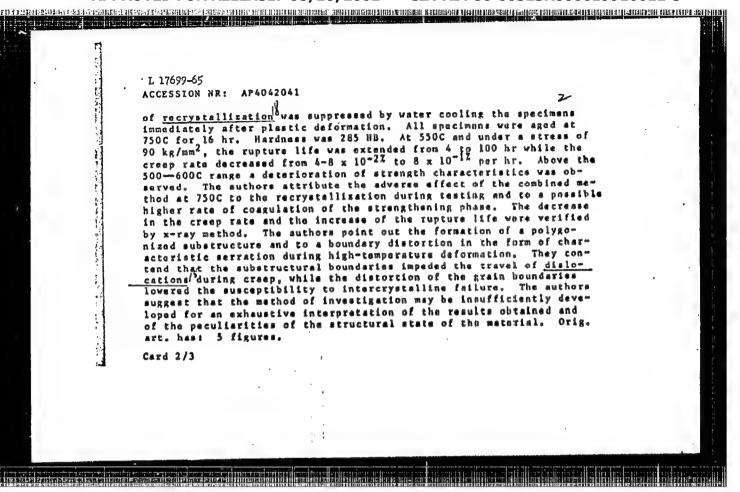
on the heat resistance of KhN77TYuR alloy

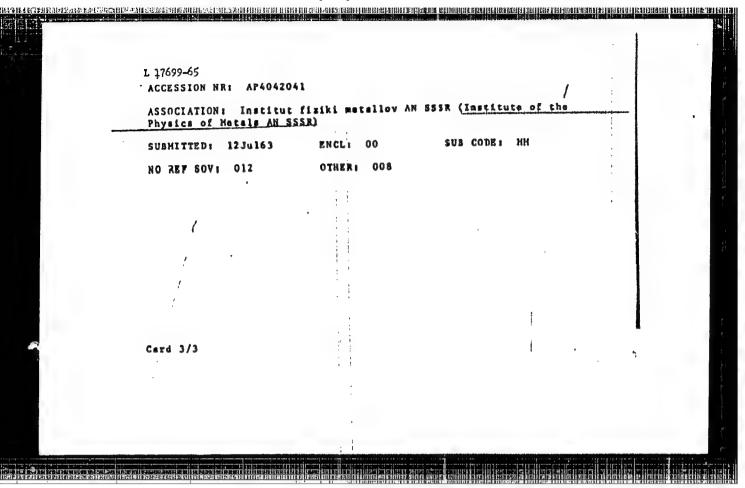
SOURCE: Fizika metallov i metalloveruniya, v. 17, no. 6, 1964.

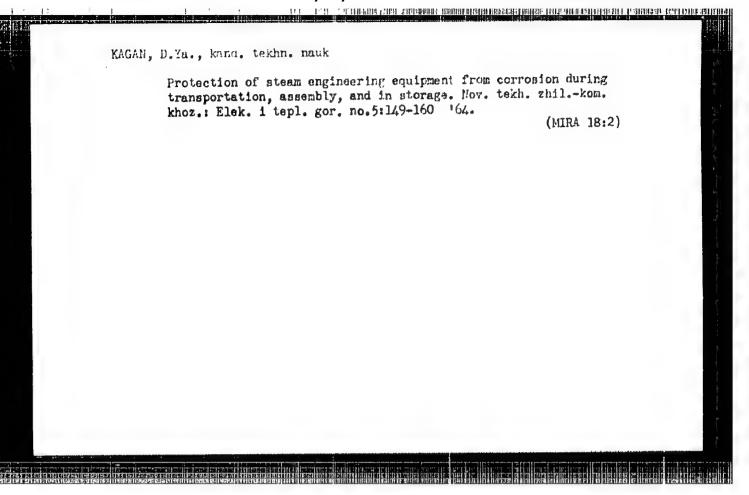
TOPIC TAGS: nickel alloy, chromium containing alloy, aluminum containing alloy, creep rate, recrystallization, boron containing alloy, Khn77TYuR alloy, thermo mechanical treatment, heat resistance

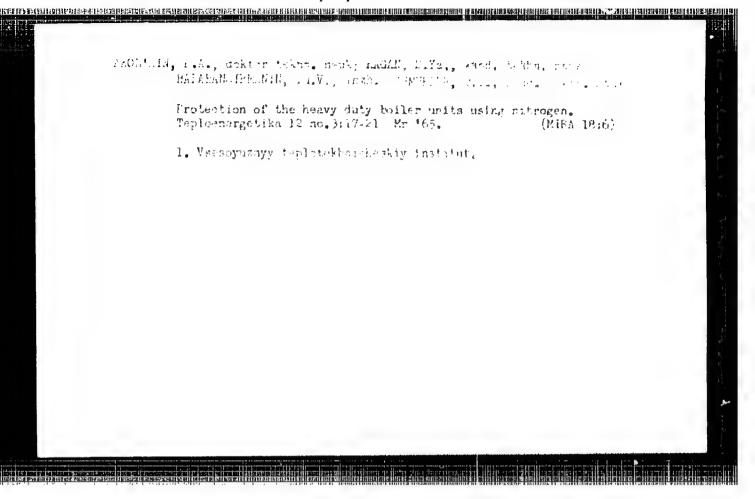
ABSTRACT: The method of hot plartic deformation combined with quenching was used to enhance the stress-rupture attenged of austenitic steels. The authors investigate the possibility of applying this combined method to KhN77TYUR, a limonic-type alloy. Specimens 11. 5 x 11.5 x 70 mm were annealed at 1080C for 8 hr. and rolled with a reduction of 25% at a rolling speed of 1.5 m/min. The process

Card 1/3



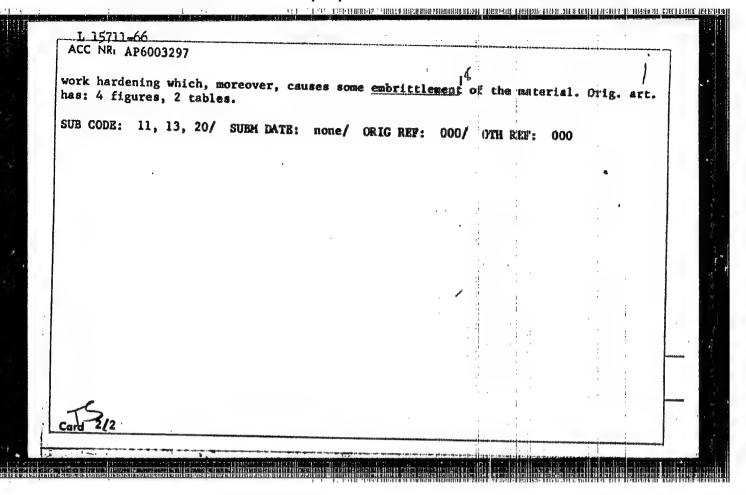






THE PARTY OF THE P

Ē	L 15711-66 ENT(m)/EWA(d)/T/EWP(t)/EWP(k)/EWP(z)/EWP(h) LIW/JP/EF ACC NR: AP6003297 (N) SOURCE CODE: UN/0129/66/000/001/0002/0005
	AUTHOR: Kagan, D. Ya; Bernshteyn, M. L.
	ORG: none
	TITLE: Hardening treatment for high-temperature alloys
	SOURCE: Metallovedeniye i termicheskaya obrabotka metallov, no. 1, 1966, 2-5
	TOPIC TAGS: heat resistant alloy, metal hardening, crystal structure, metal heat treatment, metal aging, plastic deformation / KhN77TYuR alloy, KhN70MVTYuB alloy
	ABSTRACT: The strength of metals can be effectively increased by inducing a pile-up of defects and creating a definite fine crystalline structure by means of heat treatment combined with plastic deformation. On applying various combinations of this kind in order to harden KhN77TYUR and KhN70MVTYUB heat-resistant the authors found the optimal combination to be as follows: for KhN77TYUR alloy ++ heating to 1120°C for 30 for KhN70MVTYUB alloy heating of deformation at 1050-1030°C) + air cooling; ing of deformation at 1050-1070°C) + air cooling. Both alloys were aged for 16 hr (at notch sensitivity of metal, and it is simpler, faster and more effective than the conventional thermomechanical treatment consisting in quenching, aging and prolonged
	Cord 1/2 UDG: 539.376:621+785:669.14.D18.45
•	1500 Towns T. C.
 [1]	



hadden, leifue, kond. teknn. nauk

Storage of soft water and condensate. Energetik 13 no.5:42
Ny 165. (KIEA 18:8)

OSTROVSKIY, Yu.M., KAGAH, D.Z., YAROSHEVICH, A.A.

Phthivasid and cholesterol metabolism [with summary in English]
Blul.eksp.biol. i med. 45 no.5:34-35 My'58 (MIRA 11:6)

1. Iz Plotskoy gorodskoy bol'nitsy (glavnyy vrach Ye.M. Polygalina)
i Polotskogo protivotuberkuleznogo disannasra (glavnyy vrach
N.Ya., Kregaush, Predstavlena deystvitel'nym chlenom AMN SSSR.
S.Ye. Severinym.

(ISONIAZID, effects,
on blood cholesterol (Rus))
(CHOLESTEROL, in blood,
eff. of isoniazid (Rus))

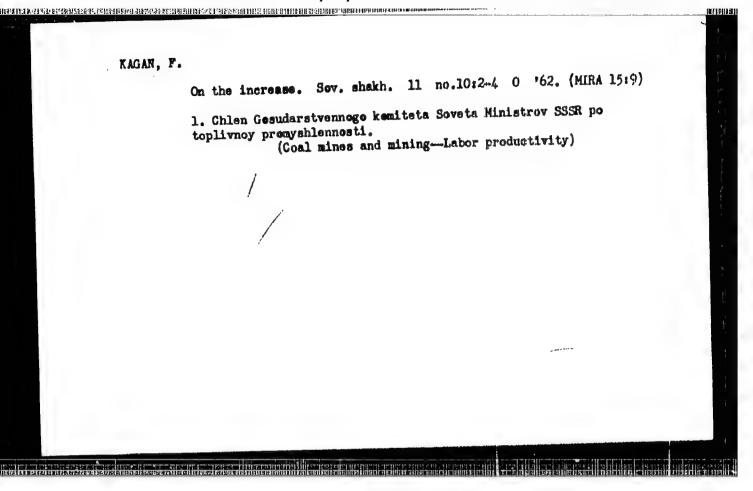
KAGAN, D.Z.; KATSEF, Yu.I.

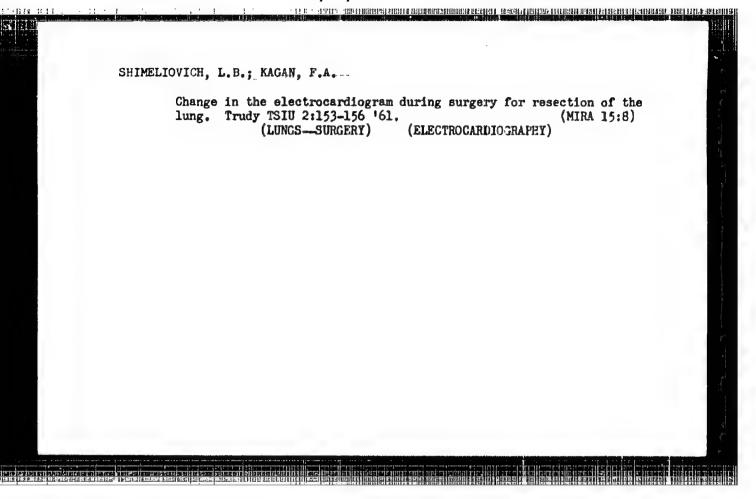
Heightened sensitivity to streptomycin. Zdrav.Belor. 5 no.1:60
Ja '60. (MIRA 13:5)

1. Iz voyennogo gospitalya. (TUBERCULOSIS)

(STREPTONTCIII)

	L 07463-67 EWI(c)/EWI(m)/EWP(c)/EWP(k)/EWP(t)/EWP(1)/EFI IJP(c) JH/JD/HP/	
	ACC NR: AP6035652 HW SOURCE CODE: UR/0133/66/000/011/1014/1015	
7	AUTHOR: Smirnov, V. S.; Danilevskiy, O. F.; Aleksandrov, A. A.; Stol'nyy, V. I.; 49	
	Kagan, E. S.	0.1
2	ORG: none	
:	TITLE: Manufacture of clad plates by rolling evacuated packs	
* .	SOURCE: Stal', no. 11, 1966, 1014-1015	
•	TOPIC TACS: metal cladding, clad plate, titanium class oten implicate Steel	
: !	ABSTRACT: A method of cladding of steel plates (45 x 1300 x 3500 mm) with titanium with a magnesium oxide interlayer has been developed. Cladding was done by rolling a pack composed of an St.3 steel slab, a VT-1 titanium cladding plate, and a	
	1	
: •.,	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	pack. The pack, preheated to 1050C, was rolled to the ogsited thickness. Indicates the pack of the pack, preheated to 1050C, was rolled to the ogsited thickness.	
	i method in the industry would halp in production of clad plates of good domain, and	
	eliminate the need of vacuum rolling mills. Orig. art. has: 1 figure. bimetal 18	
•	SUB CODE: 13, 14/ SUBM DATE: none/ ORIG REF: 007/ ATD PRESS: 5104	
•	Cord 1/1 gd UDC: 621.771.8	1.
_		





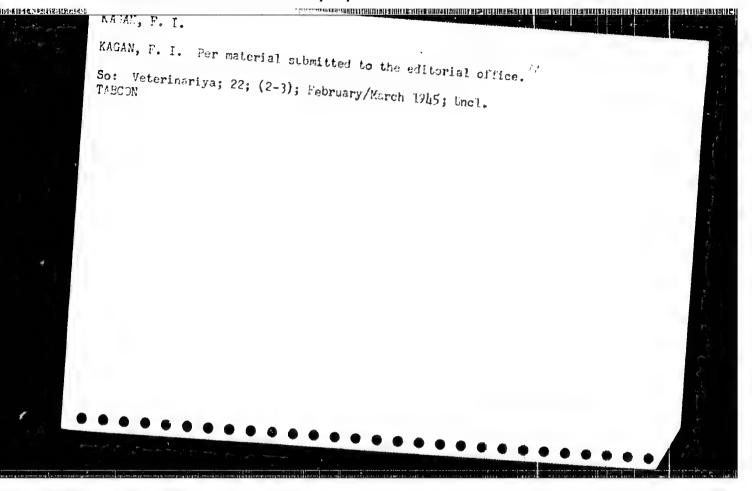
ti or and an extraor extraor and an extrementation of the property of the fact that the property of the proper

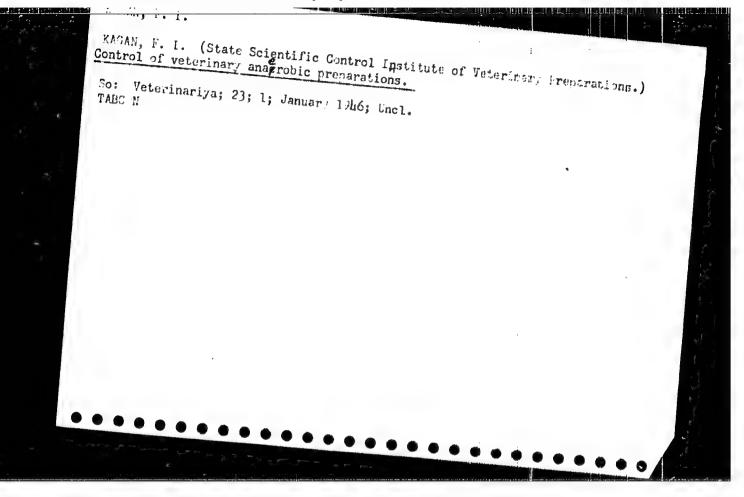
SHIMELIOVICH, L.B.; KAGAN, F.A.

Some characteristics of the electrocardiogram in the early post-operative period following lung resection. Trudy TSIU 2:157-161 (MIRA 15:8)

(LUNGS-SURGERY) (ELECTROCARDIOGRAPHY)

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619910011-3"





KAGAN, F. I.

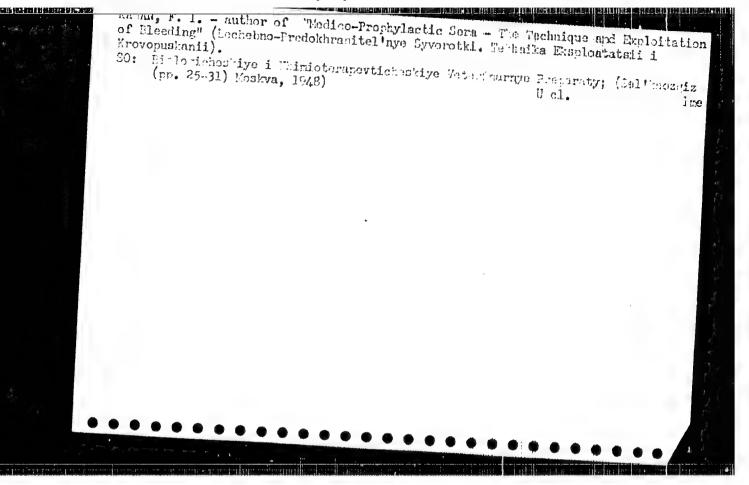
KAGAN, F. I. A conference dedicated to the fifteenth anniversary of the State Scientific Control Institute of Veterinary Preparations, Ministry of Animal So: Veterinariya; 23; (8-9); August/September 1946; Uncl.

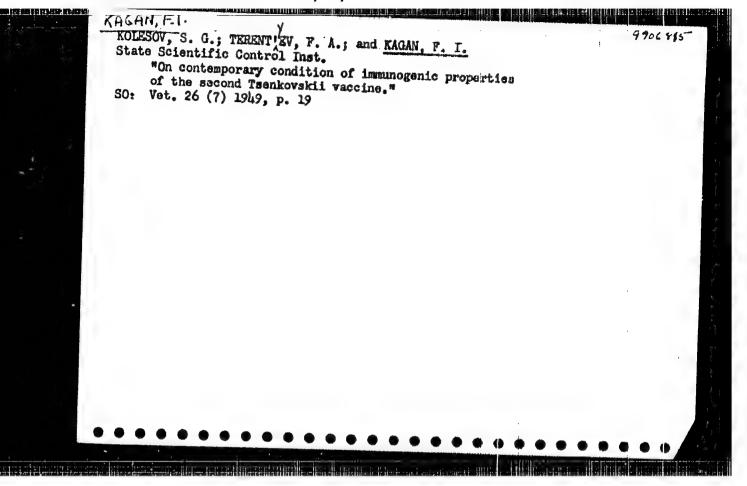
KOVALENKO, Ya.R., doktor veterin.neuk, prof., otv.red.; BRANZBURG, A.Yu., red.; KAGAN, F.I., kand.veterin.neuk, red.; BRANZBURG, A.Yu.,

[Biological and chemotherapeutic vatorinary preparations; manual on the production and control of biological preparations used in veterinary medicine] Biologicheskie i khimieterapevticheskie veterinarnye preparaty; rukovodstvo po proizvodstvu i kontroliu biologicheskikh preparatov, primenisemykh v veterinarii. Hoskva, Gos.izd-vo sel'khoz.lit-ry, 1948. 534 p. (MIRA 13:1)

1. Gosudarstvennyv nauchno-kontrol'nyv institut veterinernykh

(Veterinary materia medica and pharmacy)



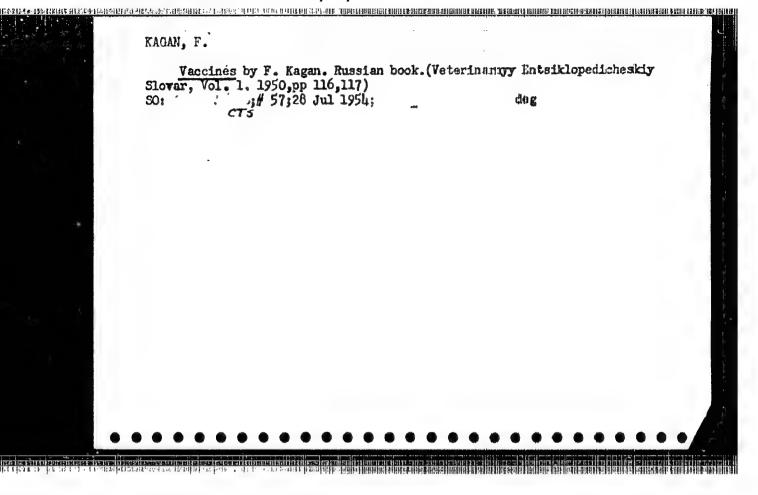


KAGAN, F.[1]

Biopreparations, by F. Kagan. In Russian, book. SO: Veterinarnyy Entsiklopedicheskiy Slovar; Vol.ljp 89-90;1950

KAGAN, F.

Vaccines, by F. Kagan. In Russian, book.
SO: Veterinamyy Entsiklopedicheskiy Slovar; vol. 1; p 116-117;1950



KAGAN, F.I., kandidat veterinarnykh nauk.

Quality of biological preparations and current problems in their

improvement. Trudy Gos. nauch.-kont.inst.vet.prep. 4:18-25 '53. (MURA 7:10)

1. Zamestitel' direktora po nauchnoy chasti instituta.
(Biological products) (Veterinary materia medica and pharmacy)

KAGAN, F.I., kandidat veterinarnykh nauk.

Effect of biomycin on the causative agents of anaerobic infections in domestic animals. Veterinariia 32 no.11:68-89 N '55 (MURA 8:12)

1.Gesudarstvennyy nauchne-kentrel'nyy institut vetpreparatev Ministerstva sel'skege khezyaystva SSSR.
(AUREOMYCIN) (BACTERIA, ANAEROBIC) (VETERINARY BACTERIOLOGY)

11) I vite at the bridge all more than the best straightful the best of the contract of the co

WAGAN, F. J.
USSR/Pharmacology. Toxicology. Chemo-Therapeutical Prepa- U-7
rations.

Abs Jour : Ref Zhur-Biol., No 7, 1958, 33046

Author : Kagan F. I.
Inst : State Scientific-Control Institute of Veteri-

Inst : State Scientific-Control Instinary Drugs.

Title : Effect of Biomycin on the Causative Agent of the

Emphyzematous Carbuncle.

Orig Pub : Tr. Gos. nauchno-kontro'ln. in-ta po vetprepa-

ratam, 1956, 6, 233-241

Abstract : The effect of biomycin on the causative agent

ans, mais a start i fingustamentum ling allegations actions actions action

of the emphyzematous carbuncle was studied. The bacteriostatic and bactericidal effect of biomycin on Clostridium chauvoei in vitro is apparent when used in dilutions of 1:8000 to 1:32.000, with the effect dependent on the duration of the

Card 1/2

CIA-RDP86-00513R000619910011-3 "APPROVED FOR RELEASE: 08/10/2001

F

KAGAN, F. 1.

USSR / Microbiology. Microbes Pathogenic for Man and

Animals. Bacteria. Anaerobic Bacilli.

: Ref Zhur - Biologiya, No 6, 1959, No. 24100 Abs Jour

: Kagan, F. I.: Kolesova, A. I. : State Scientific-Control Institute of Author

Inst

Veterinary Preparations : Study of the Etiology of Bradsot-like Diseases

Title of Sheep

: Tr. Gos. nauchno-kontrol'n. in-ta vet. Orig Pub

preparatov, 1957, 7, 211-216

: In the Azerbaydzhan SSR, a farm was investigated where unfavorable conditions prevailed Abstract

in respect to Bradsot and infectious entero-toxemia. The mortality of sheep took place despite the carrying out of vaccinations with bivalent formol-aluminous vaccine,

Card 1/2

USSR / Microbiology. Microbes Pathogenic for Man and Animals. Bacteria. Anaerobic Bacilli.

F

Abs Jour : Ref Zhur - Biologiya, No 6, 1959, No. 24100

prepared against these two infections. The death of animals took place, as a rule, 15-30 min. after the onset of the disease. The clinical picture and pathological-anatomical data are described. From fresh carcasses of 14 animals, cultures were made from parenchymatose organs, heart, abomasum, small and large parts of the intestines. Isolation of B. perfringens, B. oedematiens, B. gigas, V. septique, B. sporogenes, B. sordelli in pure or mixed culture, showed that a mixed infection induced by various anaerobic causative agents took place at the farm.

Card 2/2

63

MUGAN F.

USSR / Microbiology. Microbes Pathogenic for Man and Animals. Bacteria. Anaerobic Facilli.

Abs Jour : Ref Zhur - Biologiya, No 6, 1959, No. 24101

Author Inst

接接排名的

: Kagan, F. I.: Kolesova, A. I. : State Scientific-Control Institute of Veterinary Preparations

Title

: Results of Tests of Polyvalent Concentrated Aluminum Hydroxide Vaccine Against Bradsot, Enterotoxemia of Sheep, and Dysentery of

Orig Pub

: Tr. Gos. nauchno-kontrol'n. in-ta vet. preparatov, 1957, 7, 217-224

Abstract

: From a mixture of cultures of Vibric septicus, C1. ocdemations and C1. perfringens of type B, 7 series of vaccines were prepared, and adsorbed on hydroxide of aluminum, to be used

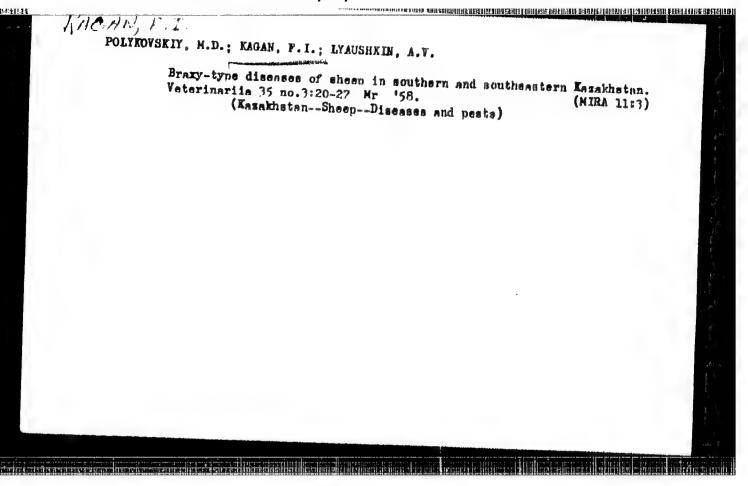
Card 1/3

Animals. Bacteria. Anaerobic Eacilli.

Abs Jour : Ref Zhur - Biologiya, No 6, 1959, No. 24101

> against bradsot, infectious shoop enterotoxemia, and lamb dysentery. All the series of the vaccine turned out to be sterile, harmless, and active and preserved their properties for the duration of 13 months. 18-20 days after a single vaccination, the rabbits turned out to be protected from infection with a lethal dose of V. septicus, Cl. oedematiens, Cl. perfringens of type B or C. The sheep, immunized twice with 2 or 3 ml. of vaccine with an interval of 25 days, were infected after 4 months with a lethal dose of one of the virulent cultures of the above-named microbes. All vaccinated sheep survived. Lambs, born from vaccinated sheep, acquired immunity

Card 2/3



KAGAN, F.I., kand. vet. nauk; KOLESOVA, A.I., kand. vet. nauk.

Polyvalent concentrated aluminum hydroxide vaccine against braxy and enterotoxemia in sheep and dysentery in lambs [with summary in English]. Veterinariia 35 no.4:27 Ap 158. (MIRA 11:3)

1. Gosudarstvennyy nauchno-kontrolinyy institut veterinarnykh preparatov.

(Sheep--Diseases) (Vaccines)

TO THE REPORT OF THE RESIDENCE OF THE WARRANT AND THE REPORT OF THE PROPERTY O

POLYKOVSKI, M. D., KAGAN, F. I. and PODKOPAYEV, V. M.

"Investigations on activation of -protoxine in cultures Clostridium perfringens of the D type."

Veterinariya, Vol. 37, No. 2, 1960, p. 44

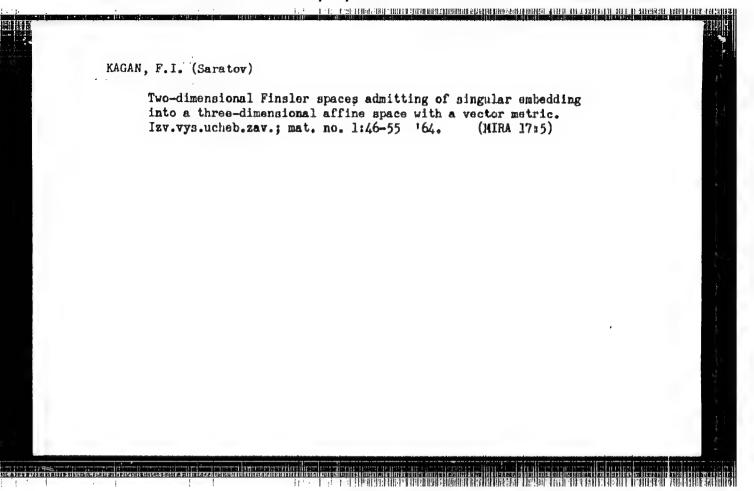
(POLYKOVSKIY, M. D., Professor, VIEV F. I. KAGAN AND V. M. PODKOPAYEV, Cands. Vet. Sci. GNKI

KAGAN, F.I., kand. veter. nauk; SOLOMATIN, V.I., mladshiy nauchnyy sotrudnik

Biomycin and terramycin treatment of necrobacillusis in cattle and sheep. Veterinariia 40 no.3:53-54 Mr 163.

(MIRA 17:1)

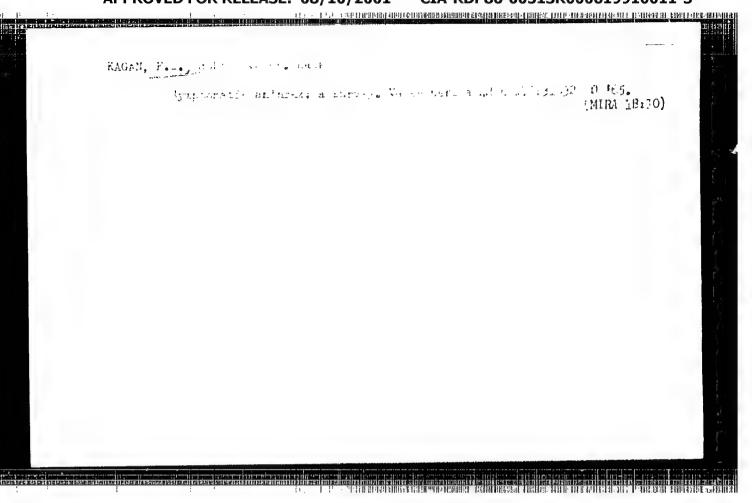
1. Gosudarstvennyy nauchno-kontrol'nyy institut veterinarnykh preparatov.



KAGAN, F.I., kand. veterin. nauk; NIKIFOROVA, N.M., kand. veterin. nauk; KOLESOVA, A.I., kand. veterin. nauk

Polyvalent vaccine against symptomatic anthrax, malignant edema, and pasteurellosis. Veterinaria 38 no.8:21-22 Ag '61

1. Gosudarstvennyy nauchno-kontrol'nyy institut veterinarnykh preparatov.



- 1. KAGAS, F. Ya., MIN. 309.
- 2. USSR (600)
- 4. Coal Mines and Mining
- New methods in organizing continuous work at the Vorovskii mine of the Rostovugol' combine. Ugol' 27, no. 11, 1952.

9. Monthly List of Russian Accessions, Library of Congress, February 1953, Unclassified.

KAGAN, F. Ya.

KUZ'MICH, A.S., redaktor; BARABANOVA, F.A., redaktor; BOERCV, I.V., redaktor; YLADIMIRSKIY, V.V., redaktor; GRAFOV, L.Ye., redaktor; DOKUKIN, A.V., redaktor; YERASHKO, I.S., redaktor; ZABLODSKIY, G.P., redaktor; ZADELHIDKO, A.N., redaktor; ZAYTSEV, A.P., redaktor; ZASADYCH, B.I., redaktor; LAGAN, F.Ya., redaktor; KRASNIKOVSKIY, G.V., redaktor; KRIVONOGOV, K.K., redaktor; LALAYANTS, A.M., redaktor; MELANED, Z.M., redaktor; MINDELI, E.O., redaktor; MOGILEVSKIY, N.M., redaktor; OSTROVSKIY, S.B., redaktor; POPOV, T.T., redaktor; SKOCHINSKIY, A.A., redaktor; SKUNAT, V.K., redaktor; SOBOLEV, G.O., redaktor; STUGAREV, A.S., redaktor; SUNCHENKO, V.A., redaktor; TERPIGOREV, A.M., redaktor; SHEVYAKOV, L.D., redaktor; SHELKOV, A.A., redaktor; ANDREYEV, G.O., tekhnicheskiy redaktor

[Safety regulations in coal and shale mines] Pravila besopasnosti v ugol'nykh i slantsevykh shakhtakh. Moskva, Uglstekhizdat, 1953. 226 p. (MIRA 8:4)

1. Russia (1923- U.S.S.R.) Ministerstvo ugolinoy promyshlennosti. (Coal mines and mining-Safety measures)

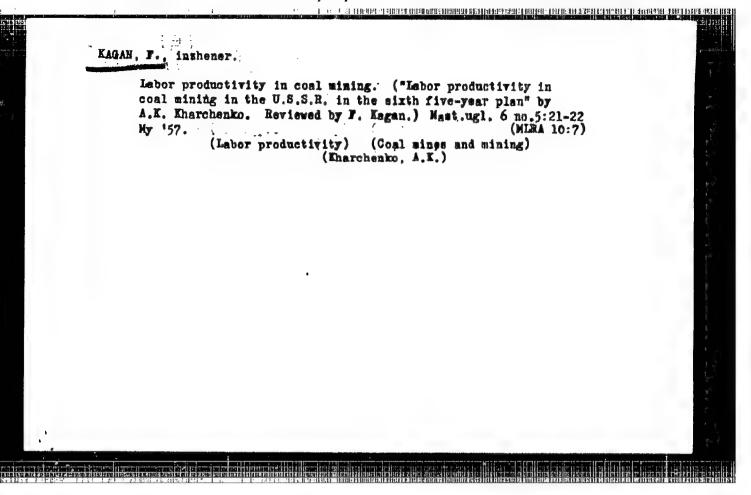
Improving the cyclic organisation of production in mines of the Rostov Coal Combine. Ugol' 29 no.11:40-42 '54. (MEA 7:11)

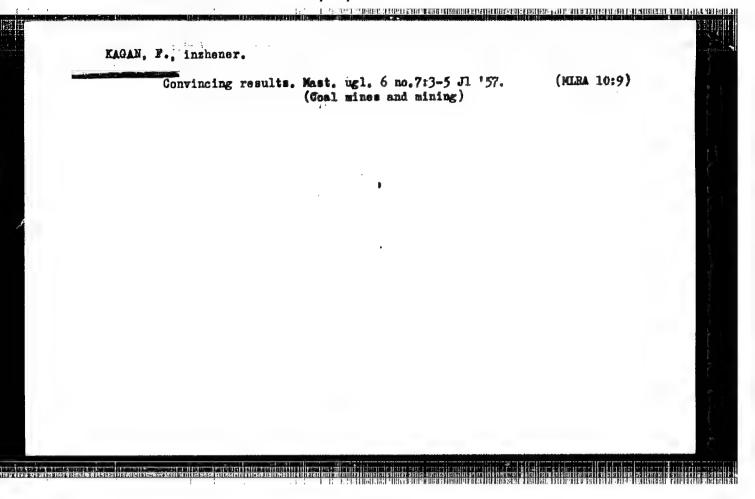
1. Ministerstvo ugol'noy promyshlennosti SSSR. (Rostov Province—Coal mines and mining)

KAGAN, F.Ya., gornyy inzhener.

The progressive rapid mining practices of the Moscow Equin mining brigades should be communicated to all basins. Ugol 31 no.10:4-10 0 156. (MIRA 9:11)

1. Kinisterstvo ugolinoy promyshlennosti SSSR. (Moscow Basin--Coal mines and mining)





BRATCHENKO, B.F., red.; ZABLODSKIY, G.P., red.; BARABANOV, F.A., red.;

BABOKIN, I.A., red.; BARANOV, A.I., red.; VYSOTSKIY, P.I., red.;

DREMAYLO, P.G., red.; ZASADYCH, B.P., red.; ZVMNIGORODSKIY, G.Z., red.;

KAGAN, F.Ya., red.; LEVITSKIY, Ya.B., red.; LOTAREY, N.I., red.;

MARCHENKO, M.G., red.; MITROFANOV, M.B., red.; PAKHALOK, I.F., red.;

SHEVKOV, A.A., red.; HYKOV, N.A., red. 1zd-va; IL'INSKAYA, G.M.,

tekan, red.

[Safety rules for working in briquetting and preparation plants]
Pravila bezopasnosti pri vedenii rabot na briketnykh i obogatitel nykh fabrikakh. Izd.2. Obiazatel ny dlia vsekh organizatsii i
predpriiatii ugol noi promyshlennosti. Moskva, Ugletekhizdat, 1958.
62 p. (MIRA 11:7)

1. Bussia (1923- U.S.S.R.) Komitet po nadsoru za bezopasnym vedeniyem rabot v promyshlennosti i gornomu nadsoru. (Coal preparation—Safety measures) (Briquets (Fuel))

EAGAN, F.Ya.

Fulffilling the decisions of the Docember Plenum of the Central Committee of the CPSU, Besop, truda v prom. 2 no.8:5-7 Ag '58.

(MIRA 12:7)

1.Zamestitel' Predsedatelya Tul'skogo sovnarkhoza.

(Coal mines and mining—Safety measures)

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619910011-3 . । १९१८ - १९९८ - १९९८ हो। विकास द्वारामा अने अक्षणको स्थापनात्वा का स्थापनात्वा का स्थापनात्वा । । । । । । । । ।

Kagan, F.Ya., Engineer AUTHOR:

SOV-118-58-9-5/19

TITLE:

High-Speed Drifting of Mine Workings With Combines (Skorostnoye kombaynovoye provedeniye gornykh vyrabotok)

PERIODICAL:

Mekhanizatsiya trudoyemkikh i tyazhelykh rabot, 1958, Nr 9,

pp 15 - 18 (USSR)

ABSTRACT:

Until now, the speed of carrying out drifting operations in coal mines was highly unsatisfactory. In 1956, the average speed of driving haulage-drifts in coal mines encunted to only 32.2 m per month; in the Podmoskov'ye coal fields the driving speed was a little higher and reached 49.5 m per month. During recent years level driving combines of the type PK-2m and PK-3, have been introduced, thus changing completely the methods as well as the speed of mine working. The PK-2m drifting combine is used for herizontal preparatory workings, mainly in coal mines. The PK-3 level driving combine possesses certain advantages. It ensures a separate excavation of coal and rocks, permits mine cars to be placed directly at the face, under the transloader, etc. The application of high-speed mining methods with combines has given satisfactory results. In 1957, the

Card 1/2

CIA-RDP86-00513R000619910011-3" APPROVED FOR RELEASE: 08/10/2001

High-Speed Drifting of Mine Workings With Combines SOV-118-58-9-5/19

average speed of level drifting with combines amounted to 164 m per month, the maximum from 750 to 1,300 m per month There are 2 schematic drawings and 1 graph.

1. Coal industry--USSR 2. Mines--Operation 3. Mining engineering --USSR

Card 2/2

KUZ'MICH, A.S.; KAGAN, P.Ya.; POCHETKOV, K.I.

For further mechanisation of coal mining processes. Ugol' 34 no.213-8 F '59.

1. Predsedatel' Luganskogo sownarthosa (for Kuz'mich), 2. Zamestitel' predsedatelya Tul'skogo sownarthosa (for Kugan), 3. Machal'nik kombinata Rostowagol' (for Pochenkov).

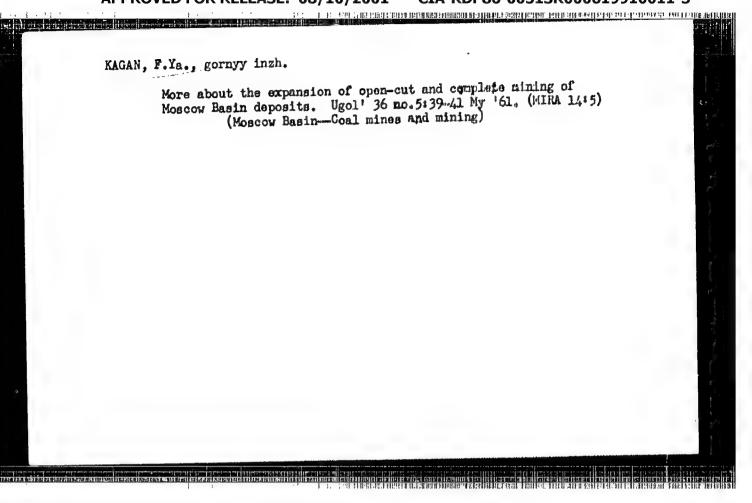
(Coal mines and mining—Equipment and supplies)

TO COMPANY OF A STREET OF A DESIGNATION OF THE PROPERTY OF THE

D'YACHENKO, Ivan Mikhaylevich; DYADYK, V.N., gornyy insh., retsenzent; KAGAN, F.Ya., gornyy inzh., gornyy inzh., retsenzent; BOYKO, A.A., gornyy inzh., otv. red.; SUROVA, V.A., red. izd-wa; LOMILINA, L.N., tekhn. red.

[Organization of labor in mine sections] Organizatsila truda na uchastkakh shakhty. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 127 p. (MIRA 15:4)

(Mine management) (Coal mines and mining)



TO BE A SECRETAR STREET AND STREET AND A SECRETAR A

KHRUSHCHEV, N.S.; PODGORNYY, N.V.; ZASYAD'KO, A.F.; RUDAKOV, A.P.; KAZANETS, I.P.; SHILIN, A.A.; MEL'NIKOV, N.V.; BURMISTROV, A.A.; SHEVCHENKO, V.V.; MAYAKOV, L.I.; ROZENKO, P.A.; KUZ'MICH, A.S.; ZADEMIDKO, A.N.; BRATCHENKO, B.F.; STRUYEV, A.I.; KRASNIKOVSKIY, G.V.; BOYKO, A.A.; KAGAN, F.YA,; USKOV, A.A.; VLADYCHENKO, I.M.; TOPCHIYEV, A.V.; DEGTYAREV, V.I.; KHUDOSOVTSEV, N.M.; GRAFOV, L.Ye.; IVANOV, V.A.;
KRATENKO, I.M.; GOLUB, A.D.; IVONIN, I.P.; SAVCHENKO, A.A.;
ROZHCHENKO, Ye.N.; CHERNEGOV, A.S.; MARKELOV, M.N.; LALAYANTS, A.M.;
GAPONENKO, F.T.; POLUEKTOV, I.A.; SKLYAR, D.S.; POHOMARENKO, N.F.;
POTAPOV, A.I.; POLYAKOV, N.V.; SUBBOTIN, A.A.; POLSTYANOY, G.N.;
TRIIKHIN D.M. TKACHENKO A.C. OGRDOVET, M. D. HYDOGREY, M. D. TRUKHIN, P.M.; TKACHENKO, A.G.; OSTROVSKIY, S.B.; NYRTSEV, M.P.; DYADYK, I.I.; SHPAN'KO, T.P.; RUBCHENKO, V.P. Kondrat Ivanovich Pochenkov; obituary. Sov. shakht. 11 no.9: 48 3 '62.

(MIRA 15:9) (Pochenkov, Kondrat Ivanovich, 1905-1962)

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619910011-3"

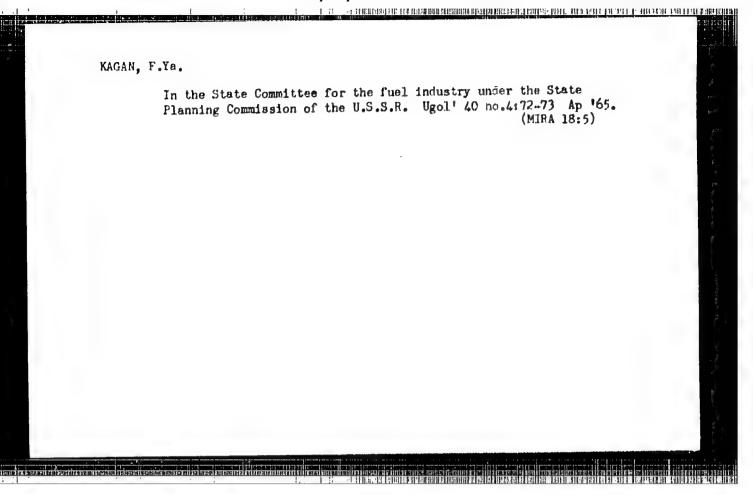
प्रकृतिकार कर के कार कर वार्ति वे सिक्का के विद्यान की विद्यान की कार्यान की कार्यान की कार्यान की कार्यान की क

ER 1 - EL COLOR COURT FOREN DE FARMOUTE PORTEN TOU RESENTANTE PROPERTY OF THE FARM THE FARM THE FREE FOR THE FARMOUTE PROPERTY OF THE FARMOUTE PRO

KAGAN, F.Ya., gornyy inzh.

Reorganization of mine assets in the Lonets Basin is the most important objective of the national economy. Ugol' 40 no.4:1-5 Ap '65. (MIRA 18:5)

1. Nachalinik Upravleniya po tekhnicheskomu razvitiyu ugolinoy i slatsevoy promyshlennosti Gosudarstvennogo komiteta po toplivnoy promyshlennosti pri Gosplane SSSR.



· I CONTROL DE LA CONTROL DE L

KAGAN, F.Ya.; ZVYAGIN, P.Z.; MAYZEL*, L.L.; ONUPRIYEV, L.N.; VOYNIK, I.A.

Greater scientific substantiation of planning in coal mines by introducing technical standards. Ugol 40 no.9:41-45 3 65.

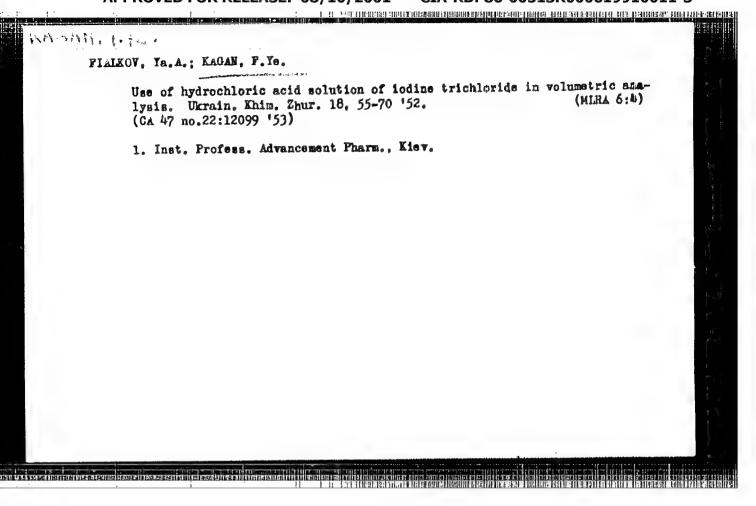
(MIRA 18:10)

l. Gosudarstvennyy komitet po toplivncy promyshlennosti pri Gosplane SSSR (for Kagan). 2. Institut gornego dela im. A.A. Skochinskogo (for all ercept Kagan).

FIALKOV, Ya.A.; KAGAN, F.Ye.

Interaction of iodine with silver, lead, and mercury nitrates in organic media. Ukr.khim.shur. 17 no.5:708-722 *51. (MIRA 9:9)

1.Kiyevskiy institut usovershenstvovaniya provisorov.
(Iodine) (Nitrates)



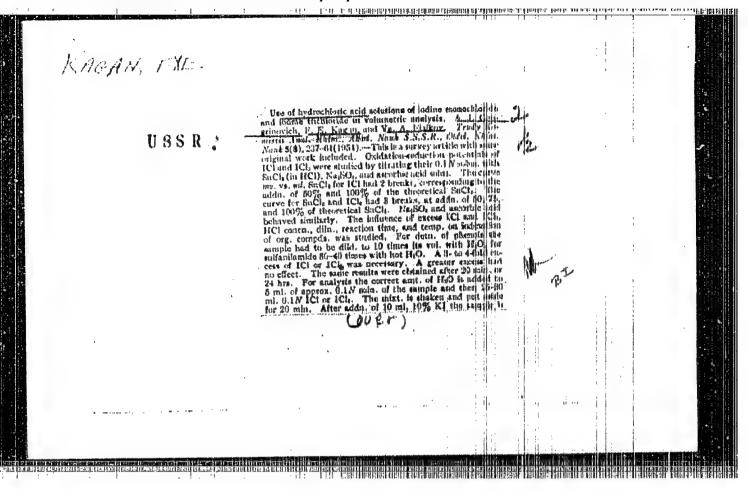
KAGAN, F. Ye.

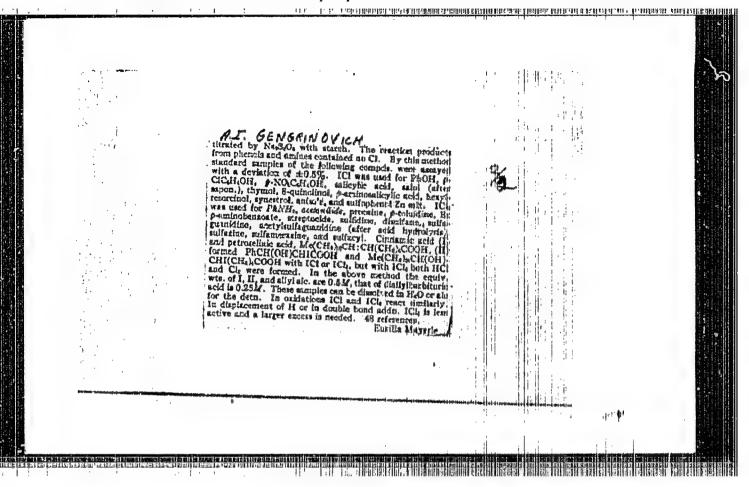
Dissertation: "Use of Iodine Trichloride in the Quantitative Determination of Some Groups of Pharmacological Preparations." Cand Pharm Sci, Kiev Inst for the Advanced Training of Pharmacists, Kiev 1953

W-30928

BENEVACIONAL AND ACCIDENT TO A CONTRACT OF THE SECOND ACCIDENT AND ACCIDENT AND ACCIDENTAL AND ACCIDENT AND A

SO: Referativnyy Zhurnal, No. 5, Dec 1953, Moscow, AN UNSR (History)





To be a first state of the stat

BRGAN, F.E.

USSR/Chemistry - Reaction

Card 1/1 Pub. 151 - 1/36

Kialkov, Ya. A., and Kagan, F. E. Authors

Reaction of ICl and ICl3 with hypophosphorous sold Title

Periodical : Zhur. ob. khim. 24/1, 3-10, Jan 1954

Abstract

The reaction of NaH₂PO₂ and H₃PO₂ with hydrochloric solutions of IC1 and IC1 and with an aqueous NaIC1, solution was investigated. The existence of two tautomeric forms of the hypophosphorous acid (1. act vs - coordinationunsaturated form with free electron pair in the P and 2, inactive - coordination-saturated form), was established on the hasis of experimental results. The fact that the reaction of oxidation of the hypophosphorous acid with iodine is concluded with the attachment of the indine to the acid was confirmed. A method for quantitative determination of WaH2FD2 and H3FD2 oxidation

with ICl, ICl3 and phosphoric acid is described. Ten references: 5-USSR; 3-German and 2-USA (1902-1952). Tables.

Institute for the Specialization of Doctors, Fagulty of Pharmacoutical Institution:

Chemistry, Kiev

April 27, 1953 Submitted

> APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619910011-3"

A CONTROL OF THE SERVICE OF THE FORM AND A SERVICE OF THE FORMAN AND A SERVICE OF THE

K136111V Category: USSR/Analytical Chemistry - Analysis of inorganic substances. (-2

Abs Jour: Referat Zhur-Khimiya, No 9, 1957, 31004

Author : Kagan F-Ye. Inst : not given

Title : Quantitative Determination of Preparations of Divalent Iron

with Organic Substances.

Orig Pub: Aptech. delo, 1955, 4, No 5, 10-13

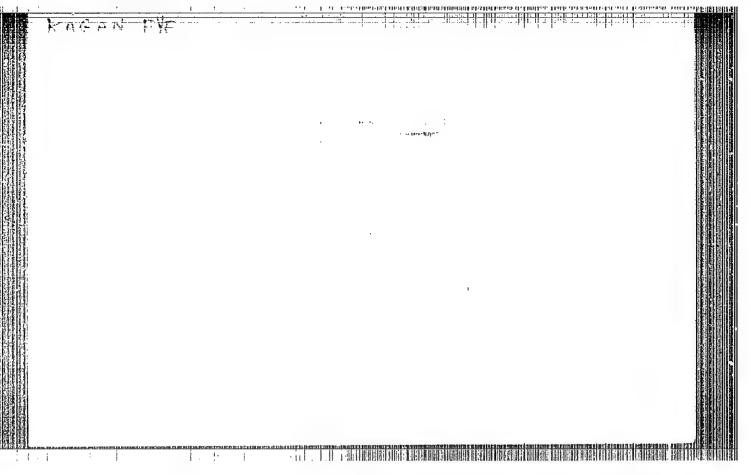
Abstract: A method has been worked out for determination of Fe in preparations of Fe(2+) with organic substances (Fe(2+) lactate, Fe (2+) carbonate with sugar, sirup containing ferrous indide) without a previous destruction of the organic substances, which is based on oxidation of Fe(2+) by means of ICl or ICl2. In determining the Fe on the basis of the amount of ICl or ICl2 that is used up in the oxidation, the sample (0.1-0.2 g Fe-Salt) is dissolved in 10-15 ml water, an excess of titrated solution of ICl, or ICl3, is added, the mixture is allowed to stand for

3-5 minutes, 20 ml of 10% solution of Rochelle salt are added,

: 1/2 Card

-39-

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619910011-3"



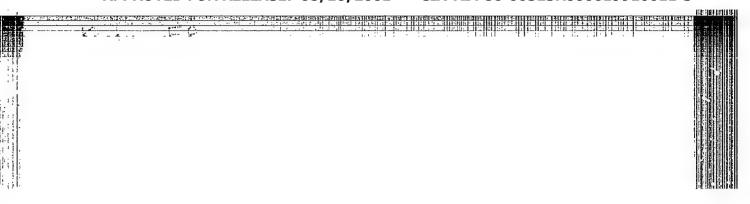
KAGAN, F.Ye., kandidat farmatsevticheskikh nauk

Quantitative determication of iodine and iodides by a hydrochloric iodine trichloride solution. Apt.delo 6 no.1:14-17 Ja-F '57.

(MIRA 10:3)

1. In Kiyerekogo institute usovershenstvovnniya vrachey (direktor - professor I.I.Kal'chenko)

(IODIDES) (IODINE)



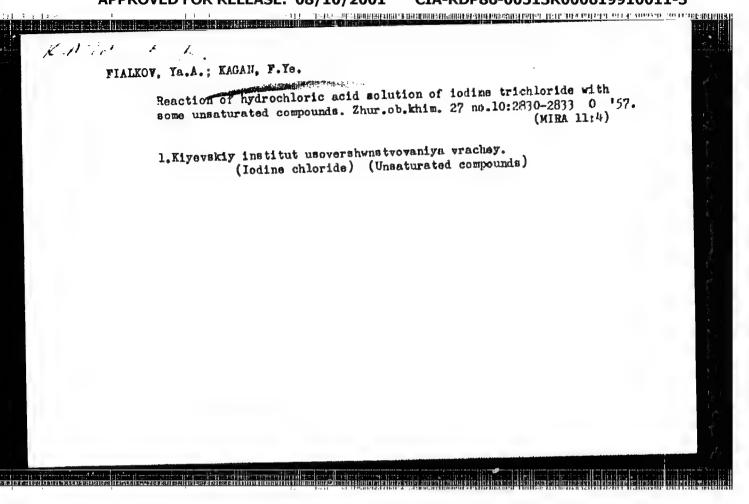


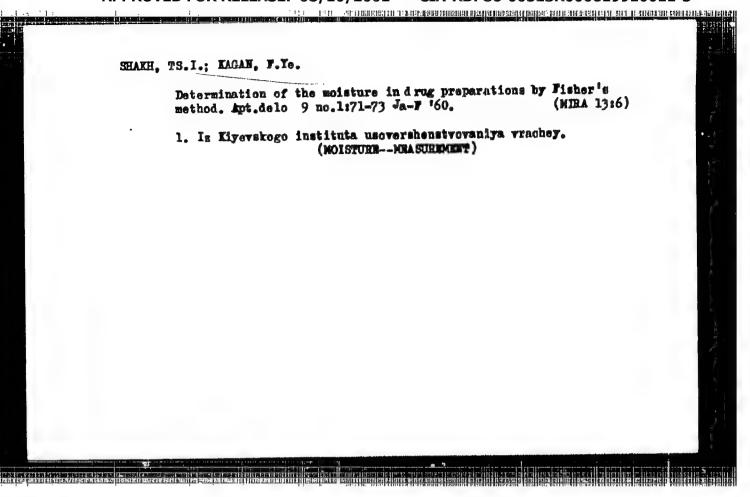
KAGAN, F.Ye.; SHAKH, TS.I.

Oxidizing and halogenating action of IG1 and IG1 in a slightly
alkaline medium. Ukr.khim.zhur. 23 no.4:537-540 '57. (MIRA 10:10)

1.Kiyevekiy institut usovershenstvovaniya vrachey, kafedra
farmatsevtichekoy khimii.

(Oxidation) (Halogenation) (Iodine chlorides)

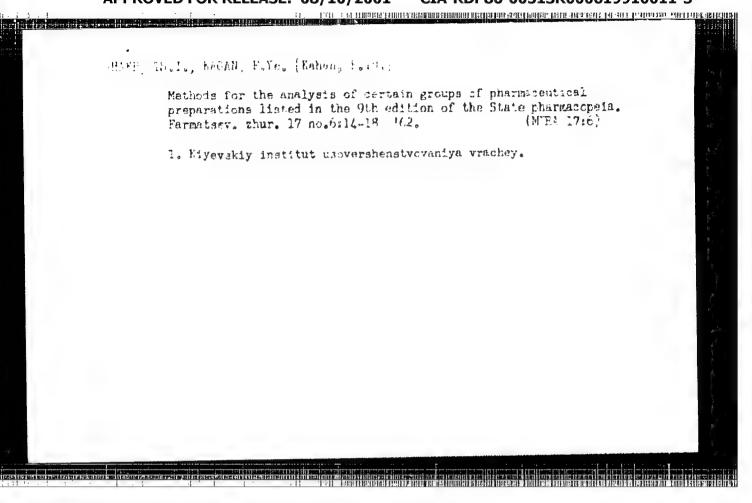




SHAKE, TS.L.; KAGAN, F.Ye. [Kahan, F.IV.]

Quantitative determination of unithiol. Farmetsev. shur. 17 no.5:
12-17 '62.

1. Kiyevakly institut usovershenstvovaniya vrachay.



SHAKH, TS.I.; KAGAN, F.Ye. [Kahan, F. IU.]

Quantitative determination of aminazine in preparations and dragées and propazine in dragées. Farmatsev. zhur. 16 no.1:13-17 '63. (MIRA 17:10)

1. Kiyevskiy institut usovershenstvovaniya vrachey.

TVERCKAYA, M.Ya. [Tvors'ka, M.IA.]; SHAKH, TS.I.; KAGAH, F.Ye. [Kahan, F.IU]

Efficient use of antibiotics in modicine. Far.ntpev. zhur. 12 no.2:
10-13 '63.

1. Miyovskiy institut usovershenstvovaniya vrachey.

KAGAN, F.Ye. [Kahan, F.Fe.]; VAYSMAN, G.A. [/Aisman, H.A.];
MITCHENKO, F.A. [Mytchenke, F.A.]; KIRICHENKO, L.A. [Kyrychenke, L.C.]

Spectrophotometric analysis of alkaloid salts in multiplealkaloid medicinal mixtures. Report No. 3. Farmatsev. zhur. 20
no.5:21-28 '65.

1. Kiyevskiy institut usovershenstwovaniya vrachey. Submitted
December 8, 1964.

BUSHKOVA, Mariya Rikolayevna; VAYSMAN, Grigoriy Aronovich; EAFAFCET,
Lev Izrailevich; KAGAN, P.Te., red.

[Manual on drug analysis under drugstore comittions] Rukovodstvo po analizu lekarstv v usloviiakh apteki. Kiev,
Zdorov'ia, 1965. 286 p. (MIRA 19.1)

NAZAHENKO, O.M.; SHAKH, TS.I.; KAGAN, F.Yu. [Kahan, F.Yu.]

Improving the skill of analytical chemists. Farnatsev. zhur. 16
no.3:78-80 '61.

1. Kiyevskiy inctitut usovershenstvovaniya vrachey.

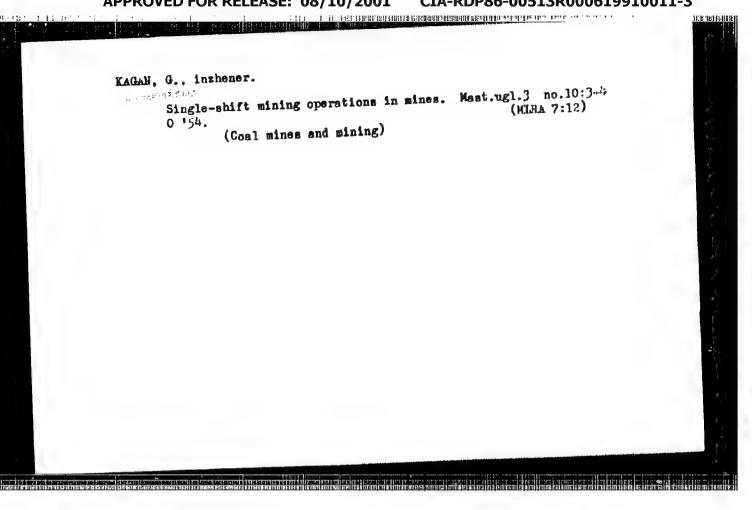
(PHARMAGY...STUDY AND TEACHING)

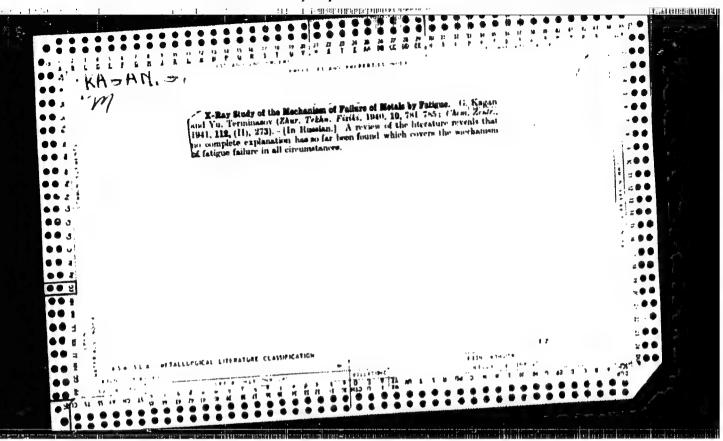
tali — tali numengatinate andamanahan etahan masan inggar tarahan aseri dalam pangangan ingge ieren

SHAKH, TS.I.; KAGAN, F.Yu. [Kahan, F.IU]

Interaction of iodine chloride and iodine trichloride with some amines. Farmatsev. zhur. 15 no.6:18-23 '60. (MIRA 14:11)

1. Kiyevskiy institut usovershenstvovaniya vrachey, kafedra farmatsevticheskoy khimii.
(IODINE CHLORIDE) (AMINES)

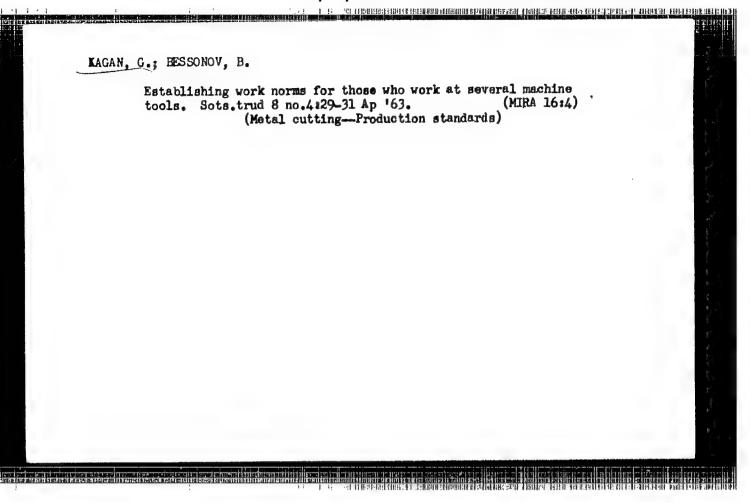




MOREYNIS, I., inzh.; KAGAN, G., inzh.

Device for suspending front axles of a car on a stand. Avt.transp.
40 no.10:33 0 '62. (MIRA 15:11)

(Automobiles--Maintenance and repair)



* 9 T - 1 - FA TALL BATT TO THE ALL DESIGNATION OF REPORT OF THE PROPERTY OF T

KAGAN, G.; MIKHAILOVA, V.S.

Isolation of L-forms of streptococci from the blood of patients with rheumatism and endocarditis. J. hyg. epidem. 7 no.31327-343 *63.

1. Gamaleya Institute of Epidemiology and Microbiology, Department of General Medical Microbiology, Moscow.

KAGAN, G.A.; KOPTELOVA, Ye.I.; PROZOROVSKIY, S.V.; MIKHAYLOVA, V.S.
DZHIKIDZE, E.K.; AKBROYT, Ye.Ya.; DOROFTIYENKO, S.F.; CHIRKQVICH,
Ye.M.; SIMOVONIAN, V.G.; NZOBAKHIDZE, L.V.

Results of experimental infection of Macacus speciosus monkeys with L-forms of Streptococcus haemolyticus. Vest. AMN SSSR 20 no.8:54-60 '65. (MIRA 18:9)

1. Institut epidemiologii i mikrobiologii imeni N.F. Gamalei AMN SSSR, Moskva i Institut eksperimental'noy patologii i terapii AMN SSSR, Sukhumi.

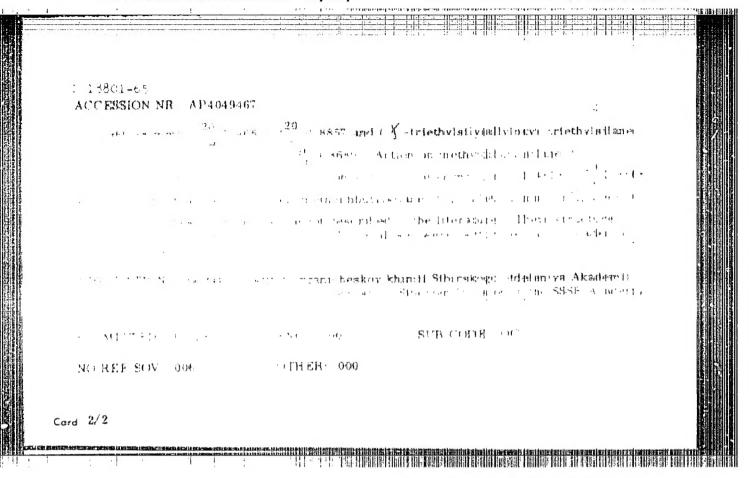
KAGAN, G.H.

Laforms of & haemolytic streptocuccuc and their pathogenetic role.

Role submitted to the Intl. Congress for Microbiology Montreal, Canada 19-25 Aug 1962

ACCESSION P. FOR EMP : ENTERN PC-4/Pr-4 RM	
ACCEPSION NR. AP4049467 8/0079/64/034/011/\$610/3612	
Almmatone Sokolec D. S	
Figure Sea Is. A very as a consent propargyl alcohol	unione C
SOURCE: Zhurnal obshchey khimifi, v. 34, no. 11, 1964, 3610-3612	
2 datast visite v shifter, v. 34, no. 11, 1964, 3610-3612	
TOPIC TAGS hydrosilane alkylaikane, propargyl alcohol allhuorgunic compound	
A short if a second set also that it combotine	
Add PRACE Mixing property to cholewith methyldiethylatlane in the progence of the	
the presence of particular transfer of the particular transfer of	
and the first service of the second of the s	,
A Die einer Michael von der gestellt ge	
office and the first of a state of the methyldiethylstatic, imported	
the state of the s	
and the contract of the contra	the Control
the state of the s	
the state of the s	
1, 2	

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619910011-3"



APLYAK, I.V.; KAGAN, G.I. [Kahan, H.I.]; SIMICH, T.N. [Simich, T.M.]

Thermal resistance of sporeforming micro-organisms in canned meat sterilized at different temperatures. Mikrobiol. Ehur. 23 no.5:51-55 '61.

1. Ukrainskiy nauchno-isəledevatel'skiy institut konservnoy promyahlennösti.

(MEAT, CANNED—MICROBIOLOGY) (STERILIZATION)